

AMENDMENTS TO THE CLAIMS

The following listing of claims replaces all prior claim listings and versions.

Claims 1 – 8 (Canceled)

9. (Currently Amended) An information processing system for managing performance of a business process, said information processing system having a storage apparatus, a data processing apparatus, demand information related to request instructions from a requester, said demand information being expressed as a combination of 5WIH-format elemental information comprising 5W information and 1H information, said 5W information consisting of who, whom, when, where, and what information and said 1H information consisting of how information, supply information corresponding to said demand information, said supply information relating to results information, said supply information being expressed as a combination of the 5WIH-format elemental information, and at least one set of information comprising said demand information and said supply information generated by said demand information, said information processing system comprising:

at least one outside system interface providing the results information;

a business procedure comprising a plurality of said sets of information;

a business flow comprising a plurality of business procedures;

a business procedure master stored on said storage apparatus; and

a business flow master stored on said storage apparatus, wherein said data processing apparatus executes said business process with respect to execution and completion of said demand information and said supply information, said business procedure master registers said business procedure defining a generation sequence of a plurality of sets of said demand

information and said supply information, said generation sequence determined by said 1H information of said demand information, and said business flow master registers said business flow defining a relationship among a plurality of sets of said business procedure, wherein each at least one outside system interface is selected from product design information management, computer aided design, computer aided testing, computer aided manufacturing and automated machinery.

10. (Currently Amended) A method for managing execution of a business process using an information processing system having a storage apparatus, and a data processing apparatus, said method comprising the steps of:

registering, in a first table on said storage apparatus, demand information related to request instructions, said demand information being expressed as a combination of 5W1H-format elemental information comprising 5W information and 1H information, said 5W information consisting of who, whom, when, where, and what information and said 1H information consisting of how information;

registering, in a second table stored on said storage apparatus, supply information related to results information, said supply information being expressed as a combination of the 5W1H-format elemental information[.,,];

generating, using at least one outside system interface, said supply information being generated by execution and completion of said demand information;

creating a plurality of sets of information comprising said demand information and said supply information generated by said demand information;

registering, on said storage apparatus, a business procedure master comprising a

business procedure comprising a generation sequence of said plurality of sets of information, said generating sequence determined by said 1H information of said demand information;

defining a process flow comprising a relationship among a plurality of said business procedures;

registering, on said storage apparatus, a business process flow master comprising said process flow; and

executing, on said data processing apparatus, said business procedure and said process flow, wherein each at least one outside system interface is selected from product design information management, computer aided design, computer aided testing, computer aided manufacturing and automated machinery.

11. (Currently Amended) A computer readable storage medium on which is stored a computer program of instructions for managing execution of a business process using an information processing system having a storage apparatus, and a data processing apparatus, said instructions comprising the steps of:

registering, in a first table on said storage apparatus, demand information related to request instructions, said demand information being expressed as a combination of 5W1H-format elemental information comprising 5W information and 1H information, said 5W information consisting of who, whom, when, where, and what information and said 1H information consisting of how information;

registering, in a second table stored on said storage apparatus, supply information relating to results information, said supply information being expressed as a combination of the 5W1H-format elemental information[[,]];a

generating, using at least one outside system interface, said supply information being
generated by execution and completion of said demand information;

creating a plurality of sets of information comprising said demand information and said
supply information generated by said demand information;

registering, on said storage apparatus, a business procedure master comprising a
business procedure comprising a generation sequence of said plurality of sets of information,
said generation sequence determined by said 1H information of said demand information;

defining a process flow comprising a relationship among a plurality of said business
procedures;

registering, on said storage apparatus, a business process flow master comprising said
process flow; and

executing, on said data processing apparatus, said business procedure and said process
flow, wherein each at least one outside system interface is selected from product design
information management, computer aided design, computer aided testing, computer aided
manufacturing and automated machinery.

12. (Currently Amended) An information processing system having a storage apparatus, a data
processing apparatus, and 5W1H-format elemental information comprising 5W information and
1H information, said 5W information consisting of who, whom, when, where, and what
information and said 1H information consisting of how information, said information processing
system comprising:

a master table on said storage apparatus;

demand information comprising 5W1H-format elemental information;

corresponding supply information comprising 5W1H-format elemental information, said corresponding supply information resulting from execution of said demand information;

at least one set of information, comprising demand information and corresponding supply information;

at least one outside system interface providing the corresponding supply information;

at least one business procedure comprising a plurality of sets of information, said at least one business procedure establishing a generation sequence of a plurality of sets of said demand information and said supply information, said generation sequence determined by said 1H information of said demand information;

at least one business flow comprising a plurality of business procedures, said at least one business flow stored in said master table, said business flow defining a relationship among a plurality of sets of said business procedure;

at least one business process executable by said data processing apparatus and stored in said master table;

wherein said data processing apparatus executes said business process and business flow, and wherein a change in the master table results in a change in the business process and wherein each at least one outside system interface is selected from product design information management, computer aided design, computer aided testing, computer aided manufacturing and automated machinery.